Inaugural Dipertation Trachitis Paper Naud 5. 1829 Doctor of Medicine University of Vennsylvania Sames & Kennedy. Vennsylvania. January 6th 1829.



Grachitis or Croup.

looked, to the great regret of those who have the management of them; and in consequence of this, they have been but Superficially understood, both as regards their putiedhouse, the disease of chiedhood receive a due attention from some of the most respectable practitioners of med of our art, now gielding readily to their prescriptions. With then impuficous, I have selected the above mentioned disease, as a subject of my inaugural thesis.



Trashitis is one of the most frequent, as well as most alarming diseases, that is found in the catalog one of the matory affection of the largue and tracken. His generally is between the first and fifth year. It seldom attacks infant according to Cullen until they are treamed: after this time, the younger they are the more obnoxious are they to its attack. This, as a general rule, may be cornet: but it is well known, that children have it at every wind from the first to the fifth year. Norther situation hor climate gives security against this disease. The predistre - sition to it is found to exist in oney situation; in the city and country; high and low lands; along the sea coast, as well as in the interior. Chillen day there are no instances of persons being attacked above the age of twelve years-To the incorrectness of this idea, I can testify from my own limited observation, in a case where a female,



that adults, from almost any slight expression will have Or ofe for Chapman related cases of two females who had the disease frequently; their children were also liable to it. cavily wrought whose than others , and hence the discare is more aft to occur in particular families. Or Chegne accounts in this way for the disease occurring to leldow after publity. He states, that at this heriod of life there is a great change in the constitution of the patient, and whereally at the affect fact of the wradfife. This is every way plausible, as at this period of life there is an alteration of some which daily observation proves them - for the county of think, hesitate to infer that There



allowhine in structure render their fracts able to reside Mostain agree from Sine same as a still of marting. It has been as a special and a mentione of youngstown to the consequence. Weak and children which we have he have as he he handed with some other discover, we have from to their allowing of it some instances, they have been to their to the children most liable to the attention of it. The children most liable to be attentioned as their of a meter of martiness, and predictioned to partie is not fire to the beend year.

Caused.

There are help existence of the secretary the year at which it generally makes its afracance. Deally einstead to a fraction to the for the place the per house time which the a course. This was placed to a course that he place the deally look injust of late would be considered that a course that he deally every the arm imperious that are imperious decrees. It is worth or translate failed that are implanted decrees. It is worth or translate failed to these communications of the translate of the t



and believes that it may be safely apented, the fact is really contagious, this evould not have happened. When is no proof of the disease being communicated from one It is stated to have occurred in the town of Zeith, not for distant from Edinburgh, to such a degue, that great difficulty they could be raised. The most frequent cause is cold; hence we see the disease espreguently in the oping and fall, during the Sudden transitions from heat to cold. It acts by repelling perspiration to some of the internal parts, viz: the mucres membrane



of the year, and at this period of life. It is frequently this is exemplified by its occurring more frequently in in that organ, and escondarily the part that are concern ed in this disease. It is also said to arise from inflam. - mation of the fances : thus it is seen in Cynanche Tourillow and Scarlatina. This disease has sometimes appeared when every presention had been taken to quard the fining him to the house and hesping him warm. The chied is sometimes attached without any premonetory



as to turninate fatally, unless the distreping symptoms be relieved by the proper remoders.

Whir disease is divided into these stages 19 the forming stages 2a, the computety formed stage; and 3d, the conjectu stage, but this I have followed the division of Applied Quares

Of the first stage.

disease and particularly the first stage. This houseness, first stage; while in the catarrh it is observed to affect - strument, and is not necessarily attended with a love



he has no fere: breather without difficulty; many times he is not directed from his amusements; his affectite is good; the friends of the approach of this unwelcome riseter. some time, whilst the patient is not exproved to the exciting caused. So loon as this happen, the disease becomes desel-- oped with all its alarming symptoms; and immediately presede this discare, or in other words, when croupe duper sines upon catanh, the gentleman above mentioned considowing to a peculiar condition of The hose and lound hipe; of its force - 2 a he has been the servest cetarche,



which required the most prompt an active treatment, not attended with compy a internal as a consequence.

Of the second thege, or the completely formed stage. If people measures have not been pursued to arrest the aggrasation of all the distribing symptoms. The cough becomes more frequent; the hoursenfs is increased; and may now be observed when the kateent allempts to speck; the busthing becomes more difficult; and from the violence of the cough and the difficulty of breathing the face becomes flushed and the circulation in general is much hurried. Loon after this a drowsine comes on; and from which, the chied is fugueatly aroused by the cough, and consequent up, clings to the nearest object, and looks most pite ourly peded; the face will be pale; the skin and estumities even cooler than natural. But more fugueatty if it should not suddenly terminate fatally it paper on to what



constitutes the last stage.
The third stage

Here the inflamed vefocts have relieved themselves by effusion, from which a membrane is formed. This extransous substance which lines the windpipe, renders nexpiration more laborious than in the tens preceding stages of relieving himself from strangulation. The face colabits a dark lived affectance; at the same time great arreity is manifested with an expussion of the utmost anguish. life be prolonged for a few hours more, the livid ness extends down the nech; the judge becomes Small and flat tering: the heart beats with violence; and all the other symptoms denote the approach of death.



Pathology.

for inflammation to be developed, and hence it must be sparse this ofpears quite plansible, If the examine found to be equally engent, and hence it behovet me bearing mountain without having its testure destroyed: and from being found in parts destitute of mucous glands



Then for another some end longth for and which are is the freeze of openion of the it is an exceedant for for freeze of the internal freeze of found in explanmations of the internal members as the follows, peritomens see,

Quatment

Of the first stage

The indication, in this stage, to to account the irritation over inflammation to link causes the heavensage, and to gain the polarit against its in neural, to accomplise the print untyperent the med to peak opposed to the thouse as the sprint of injection again amorain, theory as and Montant to when the first removant to door as the shirt become partly peak inflamed, of the hormoup to not relieve by the pintflamed, of the hormoup to not relieve by the pintflamed of the hormoup to not the horse to respective. To aid them to tend man so it according the versitation, an ometic should be given; the less or which is the compound down a quille or the pint to the



Hire Expufe. This must be repeated pro re mata. Var -tailed automony and Gerachanha have for given to six grains of the letter, is considered a medium don for a chied under the age of two years of the bowel are costine, they are to be kept open by Galomal, repealed as often as it is demanded. The petient toast water or pleased tea: he must avoid indul his throat must be pertected by flaund, or some other corcing. It strict adherence to the treatment-perfored above must be enjoined. If our Emelie will not produce



to the atharties and the other remedies recommended -

If there is a great determination of blood to the hart imprepion is made upon the system. A large orifice this be made in the arm, and the blood permitted to flow be regulated by the age and constitution of the festicit, and be juided by the state of the Julie, and the imprepion it makes on the disease. If a single bleeding does not present Themselves, that did previous to the second general Reservation



that y a soin of the arm. The admenter for it, state 1. easy to let blood from them than those of the arm: accoring the hypoglopul neve . After blood litting, if This y woulson. The antimornal emeties are proposed: as They quest more speedily and effectually than any other. They must be refreated as often as the bestling the patient, from the great liability to suffocations.



Fahren heits the morater, of our expectations should not be realized by the warm tath, we bled freely from while there. The bound should be peely opened by some mild athartie; this may be afighted by The occasional insaluable remedy. Profesor Ohese man recommends it in very large done, to open the bowel and carry of the linguing symptoms. If the bowels permain inactine, after their contents have been once enacuated; a cathartic medicine, especially small and repeated



lest thencontents become a source of initition and add y tartite of antimony in solution, to a first the correction is conjunction with the pulapacients. When the in flam mation is not altogether subdued, and the state of the system will but admit of continuing general depetitions we have recourse to local means. When we are caps, they shouldow: When applied once the region of the tracked they interfere very much with the prinction of acepi-



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13 little an also recommended; their application shows always be presided by general era material.

The Third stage.

The indications of cure, are It, to remove The menpurent in high reporte. It is stated to have surpaped in its beneficial effects, all the valine sentices. The love of the decoction is half an ounce, or more, directed boiling touta, after simmering until mearly helf uduced, etisin, and give a tea sprongue every fif-



article in croup, has been imported to its undiscusse inate use, in every stage of the disease. It must not be administered to long as a parter natural excitemust of the destine casits. It's good effects defiend on its exciting the treehea and lange, to an encueved it is quite obvious, that, if there is much vigour of the circulation and frequency of the pulse, it will not operate by reducing the inflamed surface by the exception; but by increasing the forer and aggravating its effects must be restrained, by the addition of hours, As an Emitic, the tartained automony ather or combined with Spacecaanha is mended. It is thought by some to be preferable, as regards certainty of operation, to the Polygala Leucea The bowels should be kept open by olysters, and the Strong the of the patient sufported by more mutations



food, than is proper in the first the ges. As a last perouse, the operation of trachestony must be per-- formed, or the one abandoned wholly to Mature. When the operation is successfully performed, nothing more is accomplished, than the removed of the men by it is left and hulpy, a small portion only, can be removed. If by the nemonal of the membrane, the patient were cared: There would be great inducement to operate. Gases are recorded, where the membrane had been expectorated, and the chied died im me -- diately after. If the operation be preformed, the operators can promise to the friends of the patient, life. Though the same predisposition, which exisstill exist, the operation will prove fulle and